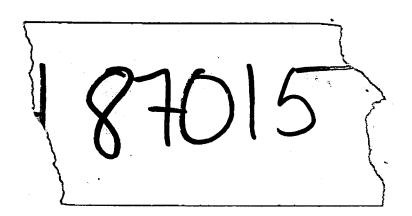
Page 1

Item ID: D350-636-013 Accept *N900040100* Setup Start **Revision ID:** Item Name: Skidtube LH **Start Date:** 7/10/2012 Start Qty: 1.00 **Cust Item ID:** Required Date: 7/24/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Start Approvals: Date: 12/07-1/0 Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Tool ID Set Up/ Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp **Draw Nbr Revision Nbr** D2750 D3492 C IIN-D350-636 100 MUJ 12-7-26 0.00DOCUMENT CONTROL *100* DC Memo Document Control Photocopy blue file and type labels per PPP D350-636-013 CHG 006



Dart Ae	rospace Li	td		`				.	0
W/O:			WORK ORDER	CHANGES			-	<u> </u>	
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
.			₹ /					,	
			és .	•				.]	
			Fault Category:			No DQ A		Date: Date:	· · · · · · · · · · · · · · · · · · ·
			WORK ORDER NON-COM	EORMANCE	/NC	3/			

NCR: WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action ' Section B		Verification	Annessal	T
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
								,
							į	
l								
·								
5		Ŧ						
		· ·						

Page 2

Setup Start *NS1*

NS2

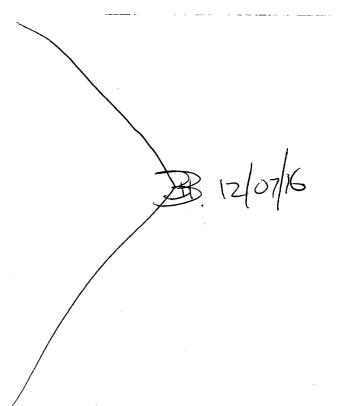
Start *NR1*

Number Stamp

Insp.

Reject

Monday, July (<i>19, 2012 3:51</i>	:17 PM	= .					
Item ID: Revision ID:	D350-636-0	013	· ·		Accept	*N900)0401	೧ ೧*
Item Name:	Skidtube LH		-					
Start Date: Required Date Reference:	7/10/2012 e: 7/24/2012	Start Qt Req'd Q	-	*1 [*]	* *	Cust Item Customer:		
Approvals:	Process Pla	an:		Date:	Tooling:		oate:	
	QC:			Date:	SPC (Y/N):		Pate:	
Sequence ID/ Work Center 1	ID	Operatio Descripti		· · · · · · · · · · · · · · · · · · ·	Set Up/ Run Hours	Tool ID		Plan Ac Code Qt
110 Skidtubes		Skidtubes	AFT end po 3- Drill pilo deburr. 4- Locate E fitting	FWD and AFT ends, reper dwg D2750 of holes for blade fitting. T8330 off of blade fi	0.00 emove bending marks. Scribe bending bolt holes using DT8983. Operating bolt holes and drill pilot having DT9616. Ensure proper p	oen to 0.500",		
	•	,	6- Drill pild Jig DT8150 7- Clecko I ***SECON 8- Open up fitting local Open holes	ot holes as per Dwg D. Other Description of the bottom of	2750 sheet 4 (D2750-3 details) is side only DT8864B for second details of tube and drill pilot holes AW-AW to 0.375" (2 holes per otal of 4 holes per side) as per cand detail T to 0.500" (8 holes passed as per Dwg D2750 using DT81)	Drill using drill of side (detail B) for detail B. side) and blade they D2750, oper side)		
			10-Open up	holes of Detail A to	0.297" (total of 2 holes per side)	/	



Run

Reject

Qty

Tool # Plan Accept

Code Qty

Dart Ae		e Ltd						·*,
W/O:	***		W	ORK ORDER CHANG	ES			
DATE	STEP		PROCEDURE CH	ANGE	Ву	Date Qt	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
<u> </u>								
Part No		PAF	l #: Fault Cate	egory:	NCR: Yes	No DQA:	Date: _	
	F	Resolution:	Disposition	on:	_ QA: N/C C	losed:	Date: _	
NCR:			WORK ORD	DER NON-CONFORMA	NCE (NC	R)		
		Description of	NC	Corrective Action Section	on B	Verificatio	n Approval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Section C	Chief Eng	QC Inspecto
	1							
	1.		1		l l			

87015

Page 3

Item ID: D350-636-013 Accept Setup Start *N900040100* **Revision ID:** Item Name: Skidtube LH **Start Date:** 7/10/2012 Start Qty: 1.00 **Cust Item ID:** Required Date: 7/24/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Start **Process Plan:** Approvals: Date: Tooling: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Tool ID Set Up/ Tool # Plan Accept Reject Reject **Work Center ID** Description **Run Hours** Qty Code Qty Number Stamp 11-Weld D2744 Cap as per Dwg D2750 and QSI 004.Fill grooves in bend left from bending as per QSI 004 A/R Aluminum Rod batch: M12230 12-Grind welds flush as per Dwg D2750 120 QC10- Inspect visual per QSI004- ground welds *120* QC Memo Quality Control 130 QC5- Inspect part completeness to step on W/O QC Memo Quality Control

Dart Aerospace

W/O:			N	ORK ORDER CHA	ANGES									
DATE	STEP	PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
									ļ ·					
				t_s					į					
							· · · · · · · · · · · · · · · · · · ·							
Part No:		PAR #:	PAR #: NC					NCR: Yes No DQA: Date:						
	R	esolution:	Disposit	lon:	QA	: N/C CI	osed:		Date: _					
NCR:		V	VORK OR	DER NON-CONFO	RMANCI	E (NCR	3)							
DATE	STEP	Description of NC		Corrective Action	Section B		Verific	ation	Approval	Approval				
DAIL	SIEF	Section A	Initial Chief Eng	Action Descript Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector				
									' 					
							<u> </u>							
							,			:				
							,							
									ļ					
			,						, :					
									ĺ					
1	l			ĺ	•	1	1.		1 1					

87015

Page 4

Monday, July 09, 2012 3:51:17 PM Item ID: D350-636-013 Accept *N900040100* Setup Start **Revision ID:** Item Name: Skidtube LH **Start Date:** 7/10/2012 Start Qty: 1.00 **Cust Item ID:** Required Date: 7/24/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Approvals: **Process Plan:** Tooling: Date: Date: Stop QC: Date: ____ SPC (Y/N): Date: Sequence ID/ Operation Tool ID Set Up/ Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Qty Number Stamp Code 140 Chemical Conversion Coat per QSI005 4.1 0.00 *140* HandFinish 0.00 Memo Hand Finishing

150

QC7-Inspect Chemical Conversion Coat

0.00

150

QC

Memo

0.00

Quality Control

03

D1-1-18

	•								i	
W/O:			W	ORK ORDER CHANG	GES		•			
DATE	STEP	PRO	PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									.	
	:									

Part No	:	PAR #:	Fault Cate	_ NCR: Ye	Date:					
Resolu		esolution:	Disposition	n: <u></u>	QA: N/C	Close	ed: <u>^</u>		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (N	CR)			j	
DATE	STEP	Description of NC		tion B	0	Verific		Approval	Approval	
DAIL	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng		ın & ate	Section	on C	Chief Eng	QC Inspector
									. ;	•
									} 	
								•	j	
		·								ļ
							····			
					į					
									1	

. WUIK OIU	er ID 6/	019	
Monday, July 09	<i>9, 2012 3:51:</i>	17 PM	<u> </u>
Item ID:	D350-636-0	13	
Revision ID:			
Item Name:	Skidtube LH		
Start Date:	7/10/2012	Start Q	ty: 1.00
Required Date:	7/24/2012	Req'd Q	ty: 1.00
Reference:			
Approvals:	Process Pla	ın:	- · - ·
	QC:		
Sequence ID/ Work Center II	D	Operation Descript	
*160		Skidtubes	
Skidtubes			Memo
Skidtubes			1-Open
			3-Open u side Deta
			4-Chami instruction
			5-Deburi remove a
			6-Bond s A/R

Accept	*N900040100*	Setup	Start	*NS1*
			Stop	*NS2*
The Marie	Cust Item ID:			
	Customer:			

Date:

Run

	Date:	SPC (Y/N):	Da	Date:			Stop *NR2			
Operation Description		Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamı	

Date:

up holes section AW-AW 0.500" (4 per side) as per dwg D2750

up holes of Detail T and ground handling to 0.625" (total of 8 holes per tail AV-AV) as per dwg D2750.

fer holes of section AW-AW, AV-AV, T and ground handling. (welding ions on sheet 10)

r and blow out all chips from inside of tube. Prepare tube for welding, alodine as required.

web D2739 in place as per QSI 015 Sikaflex-291 batch: <u>/22/30</u> exp. date: <u>13-3-/</u>4-De 12/07/18

Tooling:

0.00

7- Weld spacers D3490-1, D3490-5 and D2743 as per dwg D2750 & QS1004 (welding instructions on sheet 10)

A/R Aluminum Rod batch: M/22130

8-Grind welds flush as per Dwg D2750

9-Spot face ground handling holes (total of 4 places per side) as per dwg D2750

10-Deburr holes

De 12/67/18

Dart Aerospace Ltd

W/O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PR	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							<u> </u>	İ	
Part No	:	PAR #:	Fault Cated	gory:	_ NCR: Yes	No DQ	A:	Date: _	
	Re	solution:	Dispositio	n:	_ QA: N/C C	closed:		Date: _	
NCR:		,	WORK ORDI	ER NON-CONFORMA	ANCE (NC	R)			
DATE	STEP	Description of NC		ion B		cation	Approval	Approval	
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	Chief Eng	QC Inspector
					-				

HandFinish

Hand Finishing

87015

Page 6

Item ID: D350-636-013 Accept *N900040100* Setup Start **Revision ID:** Item Name: Skidtube LH **Start Date:** Start Qty: 1.00 7/10/2012 **Cust Item ID:** Required Date: 7/24/2012 **Req'd Qty:** 1.00 **Customer:** Reference: Run Start Process Plan: Approvals: Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp 170 QC10- Inspect visual per QS1004- ground welds 0.00 *170* QC 0.00 Memo Quality Control 180 QC5- Inspect part completeness to step on W/O 0.00 *120* 12/04/73 QC 0.00 Memo Quality Control 190 Pressure Wash per QSI005 4.3 0.00 *190*

0.00

Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch.

Memo

								1	
W/O:			WO	RK ORDER CHANG	ES			<u>'</u> 	
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						· .			
-									
								ļ	
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	No DQA	\ :	Date:	68 I
	Resolution: Disposition:			n:	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORMA	ANCE (NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description	ion B Sign & Date	Verific Section		Approval Chief Eng	Approval QC Inspector
			Office Eng	Chief Eng	Date				
								,	
						ļ			
		· · · · · · · · · · · · · · · · · · ·							

87015

Page 7

Monday, July 09, 2012 3:51:17 PM					·				
Revision ID:	D350-636-013 Skidtube LH		Accept		*N900040100*		Setup Start Stop	*NS1*	rain.
Start Date: Required Date: Reference:	7/10/2012 7/24/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item ID: Customer:			IN.37	
Approvals:	Process Plan	n:	Date:	Tooling: SPC (Y/N):	Date:		Run Start Stop	*NR1* *NR2*	
Sequence ID/ Work Center ID 200 *200* Powdercoat Powder Coating		Operation Description White Gloss(Ref:4.3.5.1) p Memo START TIME OVEN TEME FINISH TIME	8,50 PERATURE: 36	Set Up/ Run Hours 0.00	Tool ID Tool # Plan Code	Accep Qty		Reject Insp. Number Stamp W/	1/2
210 *210* QC Quality Control		QC3- Inspect Part Finish Memo Inspect for for	reign object per QSI 024	0.00		<u>i L#</u>	<u> </u>	12/0	4/15
220 *220* HandFinish Hand Finishing		HandFinishing Memo 1-Install insert	ts as per dwg D2750	0.00		<u>.</u> L	H 8	OP) 12/0	o7/25

	. Johase	-14							_
W/O:			W	ORK ORDER CHANGE	S			٠ د	n .
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								,	
								· · · · · · · · · · · · · · · · · · ·	
	,								
	.]			·					
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	_ Date: _	
	R	esolution:	Dispositio	n: <u>`</u>	QA: N/C CI	osed:		Date: _	
NCR:	WORK ORDER NON-CONFORMANCE (NCR)					R)			
DATE	STEP	Description of NC	Corrective Action Section B Initial Action Description				cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Sign 8 Date	Secti	ion C	Chief Eng	QC inspector
				•					
	:								
									·
				÷ .					

87015

Page 8

Item ID: D350-636-013 Accept *N900040100* Setup Start **Revision ID:** Skidtube LH Item Name: Start Qty: 1.00 **Start Date:** 7/10/2012 Cust Item ID: Required Date: 7/24/2012 **Req'd Qty:** 1.00 **Customer:** Reference: Run Start Process Plan: **Approvals:** Date: Tooling: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Qty Code Qty Number Stamp 230 0.00 HandFinishing *230* 1 LH & OP 12/04/25 HandFinish 0.00 Memo Hand Finishing 1-Inspect for Foreign Objects 2-Spray inside of tube with "LPS-3" batch: N/A 3-Install blade fitting D3488-041, wearshoes and ground handling hardware as per dwg D2750 SIKA FLEX 241 BATCH: 127130 EXP DATE: 14/07 4-assemble o'ring to plug as per dwg D3492 and apply o'ring lube A/R 55-o'ring lube batch: 40 340 5-Coat all exposed fasteners with "LPS Procyon" batch: 114 596 240 QC5- Inspect part completeness to step on W/O 0.00 *240* 0.00 Memo Quality Control

D	art	A	er	0	ge	a	C	e	L	td	
---	-----	---	----	---	----	---	---	---	---	----	--

		- - -							•		
W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	CEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
	<u> </u>										
			<u>.</u>					: 			
Part No	:	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQ	A:	_ Date: _			
	R	lesolution:						Date: _			
NCR:	!	\	NCE (NCR)							
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Action Description	on B Sign &	- Verific		Approval Chief Eng	Approval QC Inspector		
		Section A	Chief Eng	Chief Eng	Date	Secui		Office Eng	QC Inspector		
]				:						
		1									
									:		
				, S.							
				# " " " " " " " " " " " " " " " " " " "							
i											
			ļ						ę .		
i											

Page 9

Monday, July 09, 2012 3:51:17 PM Item ID: D350-636-013 Accept *N900040100* Setup Start **Revision ID:** Skidtube LH Item Name: Start Qty: 1.00 **Start Date:** 7/10/2012 Cust Item ID: Required Date: 7/24/2012 Req'd Oty: 1.00 **Customer:** Reference: Run Process Plan: **Approvals:** Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp 250 Pick Kit 0.00 *250* Packaging 0.00 Memo Packaging 260 QC4-100% Inspect kits for completeness 0.00 *260* Memo Quality Control (10/7/27(4) 270 0.00 Packaging *270* Packaging 0.00 Memo Packaging

Package as per PPP D350-636-013

	. Johnson								,
W/O:			WO	RK ORDER CHANGE	ES	* * * * * * * * * * * * * * * * * * * *		. 4	,
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					·				
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _	
	Resolution: Disposition:			: <u>`</u>	QA: N/C C	osed:		Date:	
NCR:		•	WORK ORDE	R NON-CONFORMA	NCE (NCF	?)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B Sign &	Verific		Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Secti	on C	Chief Eng	QC Inspector
	İ								
	j								
	;								î.

Quality Control

87015

Page 10

Monday, July 09, 2012 3:51:17 PM D350-636-013 Item ID: Accept *N900040100* Setup Start **Revision ID:** Stop Item Name: Skidtube LH **Start Date:** Start Qty: 1.00 7/10/2012 **Cust Item ID: Required Date:** 7/24/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Start Approvals: Process Plan: Date: ____ Tooling: Date: Stop QC: SPC (Y/N): Date: Date: Sequence ID/ Operation Set Up/ Tool # Plan Tool ID Reject Accept Reject Insp. Work Center ID Description Run Hours Qty Qty Number Stamp Code 280 QC21- Final Inspection - Work Order Release 0.00 *280* QC 0.00 Memo

MLJ12107127

		— · · ·							
W/O:			GES				, ,		
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			· .						
· · · · · · · · · · · · · · · · · · ·									
Part No	i	PAR #:							
	Re	solution:	Disposition: QA: N/C Closed:					Date: _	
NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC	Corrective Action		tion B		fication		Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da		ction C	Chief Eng	QC Inspector
					:				
									** ***
									t

Picklist Print

Monday, July 09, 2012 3:51:16 PM

Work Order ID:

87015

Parent Item:

D350-636-013

Parent Item Name:

Skidtube LH

Start Date: 7/10/2012

Required Date: 7/24/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:H02.09.25Rearranged procedure steps KJ

IPP rev I 06.03.30

Per rev. D dwg

EC

IPP Rev:J 07-07-28

Added SS Wearplates(Rev E) JLM Verified By:EC

IPP Rev:L 10.06.22 revise seq110

IPP Rev:K 08-09-23 revF as per dwg DD verified by:ec DD verf FC IPP Rev:M 10 10 01 as per III

	DD veri:EC	- ··- · · · · · · ·	kev:M 10	.10.01 as per	IIN revH DD	vert:EC							
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
ALS4-1032-225		Purchased	No			230	 Each	2,888.0000	38	38		<u> </u>	
Insert		. u.						_,000.000		2(/ <u>)</u>	A	1.7.	04/15
				Location		Loc Qty	<u>Lo</u>	c Code	5 8		ש	17	
				FP-B	د	2445							
				122	290 :	2445							
				ST281		420							
				108	696	146							
				110	768	62							
				118	386	55							
				118	966	68							
				121	269	89							
				ST282		23							
				120-	410	10							
				120-	451	13							

Dart	Aeros	pace	Ltd
------	--------------	------	-----

W/O:	•		W	ORK ORDER CHANG	BES				į	
DATE	STEP	PRO	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									İ	
Part No	e -	PAR #:	Fault Cat	egory:	_ NCF	R: Yes N	lo DQ/	A :	Date: _	
	Resolution: Disposition:			on:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORE	DER NON-CONFORM	ANCE	(NCR)).			
DATE	STEP	Description of NC Section A	Initial	Action Description	tion B	Sign &	Verific Section		Approval Chief Eng	Approval QC inspector
			Chief Eng	Chief Eng		Date			1	,
									i	
<u>.</u> :										

Monday, July 09, 2012 3:51:16 PM

Work Order ID:	87015					
Parent Item:	D350-636-013				Start Date: 7/10/2012	Required Date: 7/24/2012
Parent Item Name:	Skidtube LH				Start Qty: 1.00	Required Qty: 1.00
AN3C5A Bolt	Purchased	No	230	Each 1,61	1.0000 34 3	4 D12/67/25
1		Location	Loc Qty	Loc Cod	<u>e</u>	
•		FP001	7			
<u> </u>		115	835 7			
		ST350	1604			
		116	5419 28		- / /	
			7343		,	
,		117	7764 7			
•			2 2			
			2749 23			
			1423 28			
			255 469			
			444 34			
			708 500		****	
			141 500			
AN3C6A	Purchased	No	230	Each 285.	.0000 4	12/02/25
BOLT						12/07/25
		Location	Loc Qty	Loc Cod	<u>e</u>	
		FP001	1			
1		111	982			
		ST351	284		4	
r			982 2			
			419 23			
			549 2			
			704			
		117	619 10			
,		117	688			
		117	872 5			
			422 . 13			
•		119			-18.0	
			423 3			
,			693			
		121	682 74			

Dart Aero	space	Ltd
-----------	-------	-----

	- opas									
W/O:		,	N	ORK ORDER C	HANGES	,				
DATE	STEP	PRO	OCEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									j i	
Part No	•	PAR #:	Fault Ca	tegory:	NC	R: Yes	No DQ	A:	Date:	
	R	esolution:	Disposit	ion:	QA	: N/C Clo	sed:		Date: _	
NCR:			WORK OR	DER NON-CONF	ORMANCI	E (NCR)			
DATE	STEP	Description of NC		Corrective Action			Verific	cation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Descr Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
									ļ ļ	
						·				
	·									
į									!	

Picklist Print

Monday, July 09, 2012 3:51:16 PM

Work Order ID:

Parent Item

D350_636_013

	Parent Item: Parent Item Name:	D350-636-013 Skidtube LH								Date: 7/10/2012 Qty: 1.00	Required Date: 7/24/2012 Required Qty: 1.00	
	AN6C44A BOLT		Purchased	No			230	Each	104.0000	4	12/07/25/	
					Locatio	<u>n</u>	Loc Qty		Loc Code	1		
		1			FG		2	2				
						103964	2					
			•		ST343		102	?		_		
						121013	11					
						121440	41					
						122204/	50					
<u> </u>	AN8C21A BOLT	;	Purchased	No			250	Each	77.0000	2	200 LONGHOUPER C	1
					Location	<u>n</u>	Loc Qty		Loc Code			_
					ST343	•	77				\sim	
						118758	3			,	– <i>O</i> Y	
						121275	24				-	
						122204	50		-	20	\mathbf{X}	
	AN8C35A BOLT		Purchased	No			230	Each	61.0000	1	1 (0-)/25	
					Location	<u>n</u>	Loc Qty		Loc Code	•		
					FP002		60		•			
		1				115960	1					
		•				118286	9					
						121275	50				_	
					ST346		1				<u>_</u>	
						114442	0			•	<u> </u>	
						115188	0				_	
	AN960C10L	₩ NAS1149C0332R ✓				115960	1			-	<u> </u>	
:	washer	NAS1149C0332R	Purchased	No			230	Each	21.0000	- A	38 B)	
					Location	/ /	Loc Qty		Loc Code			
					ST	1570622	. 21					
						107534	21				_	

Dart Aerospac	e Ltd
---------------	-------

W/O: DATE STEP PROCEDURE CHANGE PAR #: Fault Category: NCR: Yes No DQA: Resolution: Disposition: QA: N/C Closed: NCR: WORK ORDER NON-CONFORMANCE (NCR) DATE STEP Description of NC Section A										
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector
								<u> </u>		
Part No	Resolution:				•				}	
	R	esolution:	Disposit	ion:	<u> </u>	A: N/C Clo	sed:		Date: _	
NCR:		V	WORK OR	DER NON-CON	IFORMANC	E (NCR)			
DATE	STEP	Description of NC Section A		Action Des	cription				Approval Chief Eng	Approval QC inspector
			Chief Eng	Chief E	ing	Date		•		-
		·, •								•
										ļ
						·				
							Ì		1	1

Monday, July 09, 2012 3:51:16 PM

Work Order ID: 87015 Parent Item: D350-636-013 Start Date: 7/10/2012 Required Date: 7/24/2012 Parent Item Name: Skidtube LH Start Qty: 1.00 Required Qty: 1.00 D2600-3-BENT Manufactured No 110 Each 33.0000 Extrusion Bent Location Loc Qty Loc Code LG 33 66875 73253 75021 75022 75023 81330 83305 86330 17 D2739 Manufactured No 160 Each 14.0000 De 12/07/18 350 I Beam Location B86437 Loc Qty Loc Code LG 72155 81508 83448 83548 85486 86615 D2741 Manufactured No 250 Each 34.0000 Blade, 350 Skidtube Location Loc Qty Loc Code ST -10 ST466 44 71856 83135 33

Dail Ac	ospace	Ltu							i	
W/O:			WO	RK ORDER CHANGI	ES					AND A SALAR AND A
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
										6 ·
							<u> </u>			
Part No	:	PAR #:	Fault Cate	jory:	NCR	: Yes N	lo DQ	A:	Date: _	
Reso	solution:	Disposition); <u> </u>	QA:	N/C Clo	sed:		Date: _		
NCR:			WORK ORDE	R NON-CONFORMA	NCE	(NCR)				
DATE	0.750	Description of NC	<u></u>	Corrective Action Section			Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC inspector
			1			· . · · · · · · · · · · · · · · · · · ·				
						٠				

Monday, July 09, 2012 3:51:16 PM

Work Order ID:	87015							· - · ·			
Parent Item:	D350-636-013						•	Start	Date: 7/10/2012		Required Date: 7/24/2012
Parent Item Name:	Skidtube LH								t Qty: 1.00		Required Qty: 1.00
D2743	· -	Manufactured	No			220	Each	152.0000	8	8	
Crossbolt Spacer									7		BE12/07/19
				Location		Loc Qty		Loc Code			& 85459 13°
	!			LG		78					_
	·			;	81965	23					
				;	83262	55			5		
				LG001		74					
				(67766	4					
					68251	3					
	•				73403	64					
					74445	1					
				•	79517	2					
D2744 Cap		Manufactured	No			160	Each	60.0000	1	1	Blispofic
				Location		Loc Qty		Loc Code	errend a page		in the safe of the
				LG002		60					
					62715	1					
					33412	21			/		
					35506	38					
D2745		Manufactured	No			230	Each	258.0000	8	8	
Bushing									······································	-0	107/25
				Location		Loc Qty		Loc Code	ŭ		1 1 3
				FP		206					
					79518	6					
				8	35416	200					
				FP001		52					
	•				59529	I					
					76142	1					
				8	33260	50					

	. oopaoo								
W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cate	gory:	_ NCR: Ye	s No DQ	A:	Date: _	
	R	esolution:	Dispositio	n: <u>*</u>	QA: N/C	Closed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NO	CR)		i	,
DATE	STEP	Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da		tion C	Chief Eng	QC Inspector
			·						
ł	l				1	1			

Picklist Print

Monday, July 09, 2012 3:51:16 PM

WORK Order ID:	8/015											
Parent Item:	D350-636-013								Start I	Date: 7/10/2012	R'equ	ired Date: 7/24/2012
Parent Item Name:	Skidtube LH								Start	Qty: 1.00	=	iired Qty: 1.00
D3488-041 in Blade Fitting Assembly,	LH	Manufactured	No			230	E	ach	29.0000	1	10	12/07/25
				Location	<u>on</u>	Loc Qt	Y		Loc Code			. , , , , , , , ,
				FP001			12					
					85807		12					
				FP002			17				_	
					83407		10			==		
					85733		7			-	_	
D3490-1 Cross Bolt Spacer		Manufactured .	No			160	Е	ach	79.0000	4	4	BE12/07/19
				Locatio	<u>on</u>	Loc Qt	Y		Loc Code			
				LG			- 68					
*					81976		2					
					85419		66			4		
				LG001			11			-		
					62450		2					
	•				74875		4					
					77042		3					
		- س			83269		2					
D3490-5		Manufactured	No			160	E	ach	31.0000	4	4	00-1-1-
Cross Bolt Spacer										ويعد الديادة فالمغراطة		BE12/07/19
				Location	<u>on</u>	Loc Qt	Y		Loc Code			/ / ·
				LG001		3	31					
					83373	3	31			4		
D3492-1		Manufactured	No			230	E	ach	205.0000	8	8_	
Plug				Locatio	an.	Loc Qt	.,		Inscription	8	-(3)-	12/07/25
				FP002	<u>,,,,</u>				Loc Code		_	
				FP002	69531	19						
					74444		8				_	
					76235		4				_	
					83259	18						
				FP-A			7					•
					83098		7					
Monday, July 09, 20	12 3:51:16 DM	·-··										
monday, July 09, 20	12 J.JI.IUI WI				Snop Pa	cket Print						Page 6

Duit Ac	ospace	Liu							
W/O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PR(OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			.,						
Part No	:	PAR #:	Fault Cated	gory:	_ NCR: Yes	No DQ	A :	Date: _	
	R	esolution:	Disposition	n: <u>^</u>	_ QA: N/C C	osed:	<u></u>	Date: _	
NCR:				ER NON-CONFORM	ANCE (NCF	?)			
DATE	STEP	Description of NC	Initial		ion B		cation		Approval
		Section A	Chief Eng	Action Description Chief Eng	Date		ion C	Chief Eng	QC Inspector
								i	
]	
								ı	
	-								
	1								
	}								

Monday, July 09, 2012 3:51:16 PM

	Work Order ID:	87015					-			
	Parent Item:	D350-636-013						Start D	Date: 7/10/2012	Required Date: 7/24/2012
	Parent Item Name:	Skidtube LH						Start	Qty: 1.00	Required Qty: 1.00
	D3492-5 Plug		Manufactured	No		230	Each	135.0000	8 	12/07/25
	•				Location	Loc Qty		Loc Code		1
	1				fpa	135				
	•				83100	34				_
					83530	101				
_	D 3493-1		Manufactured	No		110	Each	97.0000	2	2 00
į	Washer									20 20 20 20 20 20 20 20 20 20 20 20 20 2
					Location	Loc Qty		Loc Code		\circ
					ST050	97				
					77573	1				-
					. 82023	2				-
					83097	94			X 46	(
	D3535-25		Manufactured	No	-	230	Each	32.0000	1	1 2 /2 7/2 =
	Wearshoe									10P 12/07/25
					Location	Loc Qty		Loc Code		·
					FP001	32				
					62233	1				-
					81357	1				-
					83387	17				-
					83899	13				-
	D3536-25		Manufactured	No		230	Each	22.0000	1	1 12/12/20
	Gasket									Q 12/07/25
					Location	Loc Qty		Loc Code		·
					FP	22				_
					83391	6				_
					83900	16				_

W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			·						
	-								
Part No		PAR #:							
	Re	esolution:	Disposition	:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B	Verific	cation	Approval	Approval
	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	Chief Eng	QC Inspector
		·							

Monday, July 09, 2012 3:51:16 PM

Work Order ID: Parent Item: Parent Item Name:	87015 D350-636-013 Skidtube LH									Date: 7/10/2012 Qty: 1.00	-	ired Date: 7/24/2012 uired Qty: 1.00
D3537-1		Manufactured	No			230		Each	112.0000	3	2	
Wearpad											Ø	12/07/25
				Locatio	<u>n</u>	Loc C	<u>Oty</u>		Loc Code			,
				FP002			112				_	
					81362		3				_	
					83254		1				_	
					83255		3				_	
					83256		20					
					85457		37				_	
D2/21 1		•			85458		48			100	_	
D3631-1 Washer		Manufactured	No			230		Each	283.0000	8	8 (P)_	72/07/25
	•			Location	1	Loc Q	<u>)ty</u>		Loc Code			` / t
				FG		:	268					
					81874		2				_	
					83588		266				_	
				ST072			15				_	
					68062		2				_	
					75548		13				_	
D3791-1 Wearplate		Manufactured	No			230		Each	26.0000	1	20	12/07/25
				Location	<u>1</u>	Loc Q	<u>ty</u>		Loc Code	,		, ,
				FP002			26					
					62239		2				_	
					83392		12				_	
					83902		12				_	
D3793-1 Wearshoe		Manufactured	No			230		Each	26.0000	1	50	12/07/25
	•			Location	1	Loc Q	ltv		Loc Code	' '		-, 10 723
				FP001	-		26		Doc Couc			
				11001	82171						_	
					83393		2 11				-	
					83903		13				_	
					22702 V						_	

	-								- 1		
W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	ANGE	Ву	7	Date	Qty	Approval Chief Eng / Prod Mgr		Approval QC Inspector	
	-				-						
						·					
Part No		PAR #:	Fault Category: NC			CR: Yes No DQA: [ate:	<u> </u>
		esolution:									
NCR:			WORK ORI	DER NON-CONFORMAL	VCE (N	CR)	,				
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification			Approval	Approval	
			Initial Chief Eng	Action Description Chief Eng		gn & ate	Secti		Chief Eng	QC Inspector	
			,								
								:			
			·								

Monday, July 09, 2012 3:51:16 PM

Work Order ID: Parent Item:	87015 D350-636-013	*							7/10/2010		
Parent Item Name:	Skidtube LH								Date: 7/10/2012 Qty: 1.00		uired Date: 7/24/2012 uired Qty: 1.00
D3793-3 Wearshoe		Manufactured	No			230	Each	28.0000	1 ,	60	12/07/25
				Locatio	<u>n</u>	Loc Qty		Loc Code			/ (
*				FP001		2	8				
-					83394	1					•
					83901	1	2				
D3794-1		Manufactured	No			230	Each	24.0000	1	1	12/02/25
Gasket		in the second second								(Y)_	12/07/25
				Locatio	<u>n</u>	Loc Qty		Loc Code			
				FP			4				
		•			82167		4			_	
				FP002		2)		· .		
					83395	2)				
D3794-3		Manufactured	No			230	Each	45.0000	1	1 _	, ,
Gasket		•							···) ····	- P) -	12/0.7/25
		•		Locatio	<u>n</u>	Loc Qty		Loc Code	•	$\overline{}$,
				FP		1)				
					83396	i)				
				FP002		2	ó				
					74530		2				
					86243	2	1				
MS21043-6		Purchased	No			230	Each	586.0000	4 .	4	. /- ~
NUT -									<u> </u>	- (P)	-12/07/25
				Location	<u>n</u>	Loc Qty		Loc Code			, ,
				FG		2)				
					103693	2)				
				ST301		56	<u> </u>				
					117887		2				
			•		118384 🗸	6					
					120308	50)				

W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PRO	CEDURE CH	ANGE	E	Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									İ	
										
										•
Part No	:	PAR #:	Fault Cat	egory:	_ NCR:	Yes N	o DQA		_ Date: _	
	Re	esolution:	Dispositi	on: '	_ QA: N	/C Clos	sed:		Date: _	<u> </u>
NCR:		V	VORK ORE	DER NON-CONFORMA	ANCE (NCR)				
DATE	STEP	Description of NC			ion B	<u> </u>	Verifica	ation	Approval	Approval
	OIL!	Section A	Initial Chief Eng	Action Description Chief Eng	- 3	Sign & Date	Section	n C	Chief Eng	QC Inspector
										3
									ļ	
		·						· · · · · · · · · · · · · · · · · · ·		
	1				1		ſ			[

Monday, July 09, 2012 3:51:16 PM

Vork Order ID: Parent Item: Parent Item Name:	87015 D350-636-013 Skidtube LH								Date: 7/10/2012		ired Date: 7/24/2012 uired Qty: 1.00
1821083C8 IUT		Purchased	No			230	Each	94.0000	1	100	12/07/25
				Locatio	<u>n</u>	Loc Qty		Loc Code	,	_	, ,
				304		39					
					121185	22					
					121349	17					
				FP002		1					
					115884	1				_	
				ST303		4					
					115884	0					
		•			118077	1					
					119309	2				_	
					119638	1				_	
				ST321		50				_	
FC\$1002.C0					122141	50				_	
IS21083C8 UT		Purchased	No	•		250	Each	94.0000	2	512	7-26
				Location	<u>n</u>	Loc Qty		Loc Code			-
				304		39					
			•		121185	22				_	
					121349	17				_	
•				FP002		1					
					115884	1					
				ST303		4					
					115884	0				_	
					118077	1				_	
					119309	2					
					119638	1				_	
				ST321		50				_	
					122141	50			\rightarrow		

Dart .	Aer	ospa	ice	Ltd
--------	-----	------	-----	-----

	•								
W/O:			WO	RK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								-	
Part No	•	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A :	Date:	
	R	esolution:	Disposition	:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	?)			
		Description of NC		Corrective Action Section	n B	Verific	eation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign and Date	🧏 Secti		Chief Eng	QC Inspector
						:		:	
				•					
								: 	
								i 	
•		The second secon				1			

Picklist Print

Monday, July 09, 2012 3:51:16 PM

Work Order ID:	87015								
Parent Item: Parent Item Name:	D350-636-013							Date: 7/10/2012	Required Date: 7/24/2012
	Skidtube LH						Start	Qty: 1.00	Required Qty: 1.00
NAS1149C0832R WASHER		Purchased	No		230	Each	250.0000	1	12/07/25
				Location	Loc Qty		Loc Code		, (
				ST297	250				
				114915	250		•		
NAS1149D0863J WASHER		Purchased	No		250	Each	221.0000	2	0 7
				Location	Loc Qty		Loc Code		1
				ST298	221				
				118078	34				_
				119307	1				
				120308	86			-3x	<u>-</u>
				121556	100				nanc.
NAS1515H3L		Purchased	No		230	Each	311.0000	4	4
VASHER								4	D - 1-2/07/25
				Location	Loc Qty		Loc Code		
, 1				FG (13362)	40				_
//	/			102472	40				_
				ST277	271				
/	1/			118686	3				
				120360	11				_
				121556 122151	57 200				_
NAS1611-005		Purchased	No	122131	230	Each	140.0000	8 .	
D-RING		Purchased	140			Laçii	140.0000	· 8	12/07/25
				Location '	Loc Qty		Loc Code		
				FP001	140				ran
				106099	18				_
				114220	46				
				119438	36				_
				121415	40				

	•								
W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cate	egory:	NCR: Yes	No DQA	\:	Date: _	
		esolution:		•				1	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	on C	Chief Eng	QC Inspector
	*! !								
								İ	
			į					ļ !	
1	1]			1			

Picklist Print

Monday, July 09, 2012 3:51:16 PM

Page 12

Work Order ID:

87015

Parent Item:

D350-636-013

Parent Item Name:

Skidtube LH

Start Date: 7/10/2012

Required Date: 7/24/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1611-010 O-RING

Purchased

No

230

Each

416.0000

Ú ,

12/07/25

Location	Loc Qty	Loc Code	•
FP001	416		
110915	14		
117460	8		
118077	1		
118612	3		
119438	47		
121259	2		
121584	2		
121723	39		**************************************
122151	300		

W/O:	-		W	ORK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHA	NGE	E	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR:	Yes N	o DQ	A:	Date:	
	R	esolution:	Dispositio	n:	_ QA: N	/C Clos	sed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NCR)		-		
DATE	STEP	Description of NC Section A	Initial	Action Description		Sign &	Verific Secti	cation on C	Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng		Date				-
									i	
	<u> </u>									
		·								

	QTY -041	QTY -042	QTY -043	QTY -044	PART NUMBER	DESCRIPTION
	X	· ·			D2750-041	350 SKIDTUBE ASSEMBLY, LH
		Х			D2750-042	350 SKIDTUBE ASSEMBLY, RH
			X		D2750-043	350 SKIDTUBE ASSEMBLY, LH
				Х	D2750-044	350 SKIDTUBE ASSEMBLY, RH
	1	1	1	1	D2739	WEB
	8	8	8	8	D2743	SPACER
	1	1	1	1	D2744	CAP
	8	8	8	8	D2745	BUSHING
	1				D2750-1	SKIDTUBE WELDMENT, LH
		1			D2750-2	SKIDTUBE WELDMENT, RH
			1		D2750-3	SKIDTUBE WELDMENT, LH
				1	D2750-4	SKIDTUBE WELDMENT, RH
	1		1		D3488-041	BLADE FITTING, LH
		1		1	D3488-042	BLADE FITTING, RH
	4	4	4	4	D3490-1	CPACER
	4	4			D3490-3	SPACER
			4	4	D3490-5	SPACER
	8	8	8	8	D3492-041	PLUG ASSEMBLY
	8	8		-	D3492-043	PLUG ASSEMBLY
			8	8	D3492-045	PLUG ASSEMBLY
	1	1	1	1	D3535-25	WEARSHOE
	1	1	1	1	D3536-25	GASKET
Æ	3	3	3	3	D3537-1	WEARPAD
<u> </u>	8	8	8	8	D3631-1	WASHER
Г	1	1	1	1	D3791-1	WEARPLATE
	1	1	1	1	D3793-1	WEARSHOE
<u>, —!</u>	1	1	1	1	D3793-3	WEARSHOE
E i	1	1	1	- 1	D3794-1	GASKET
_	1	1	1	1	D3794-3	GASKET
		·		-	20.010	O' TORKET
£\	38	38	38	38	ALS4-1032-225	INSERT (OR ALS7-1032-225, AKS4-1032-225, AELS-1032-225)
 i	34	34	34	34	AN3C5A	BOLT
	4	4	4	4	AN3C6A	BOLT
	4	4	4	4	AN6C44A	BOLT
	1	1	1	1	AN8C35A	BOLT
^ _	38	38	38	38	AN960C10L	WASHER
<u>F</u> /	1	1	1	1	AN960C816L	WASHER
	4	4	4	4	MS21043-6	NUT
	1	7	1	1	MS21043-0	NUT
	4	4	4		NAS1515H3L	WASHER

F	OTY (3) D3537-1 WAS OTY (5) (2N C8-1); D3781-1/3 REPLACES D3535-13-35 (2N C8-1); D3784-37-3 REPLACES D3536-13-35 (2N B6-1); D3784-37-3 REPLACES D3536-13-35 (2N B6-1); WEARSHOE HOLES UNDER FWDMATE SADOLE REMOVED (6 PL). WEARSHOE HOLES UNDER FWDMATE SADOLE REMOVED (6 PL). WEARSHOE HOLES UNDER FWDMATE SADOLE REMOVED (6 PL). WEARSHOE HOLES WARRE UPDATED (2N C1-8, 9, 10, 11); ADD NOTE 12 AND 13 (2N A6-1); REASON. REF. NOR 63-6-11;	РН	08.07.16
E	CHANGE TO STAINLESS STEEL WEARPLATES ADD RUBBER GASKETS, CHANGE INSERTS, ADD D3631-1: REMOVE QTY (38) NAS1519131, REMOVE QTY (10) NAS1515H8L REMOVE D2741, QTY (2) AN960C816, REMOVE QTY (2) MS21083C8	СВ	07.05.17
D	ADD HOLES AND SHACERS FOR APICAL FLOATS; INCORPORATE DEO 9133/9157	PH	06.01.05
С	ADD D2750-3/D2750-4; INCORPORATE D2738 AND D2740	CP	98.11.18
В	CHANGE MS24694-S293 TO AN8-16A	CP	98.09.01
Α	NEW ISSUE	DS	98.04.16
REV.	DESCRIPTION	BY	DATE

DESIGN	24 ,	DART AEROSPACE U	SA. INC.
DRAWN	REL	PORT HADLOCK, WA	
CHECKED	11	DRAWING NO.	REV. F
MFG. APPR.	M C	□ D2750	SHEET 1 OF 11
APPROVED	154	TITLE	SCALE
DE APPR.	7	op 350 SKIDTUBE ASSEME	BLY NTS
DATE 08.0	7.16	COPYRIGHT © 1998 BY DART AEROSP, THE DOCUMENT IS PRIVATE AND COMPRESTIAL AND IS SUPPLED ON THE	EXPRESS CONSTION THAT I' IS

GENERAL NOTES:

MATERIAL: MAKE D2750-1/-2/-3/-4 FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).

HINISH:

ACID ETCH, ALONDE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.

POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3

BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).

TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

UNITS: INCHES UNLESS OTHERWISE NOTED

BREAK SHAPP EDGES: N/A

IDENTIFICATION: N/A

5

INCORPORATE DSI 9413:

W/O:	i		WO	RK ORDER CHANGE	ES		<u> </u>	•	
DATE	STEP	PR	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						<u> </u>			
Part No	:	PAR #:	Fault Cateç	jory:	NCR: Yes	No DQ	A:	_ Date: _	
	Re	solution:	Disposition	: <u>`</u>	QA: N/C CI	osed:		Date:	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR	(1)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B Sign &	Verific		Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Secti	on C	Chief Eng	QC Inspector
								į	
	1	·							
									t

D2750-041 350 SKIDTUBE ASSEMBLY, LH D2750-042 350 SKIDTUBE ASSEMBLY, RH DESIGN DART AEROSPACE USA, INC. PORT HADLOCK, WA DRAWN DRAWING NO. CHECKED REV. F MFG. APPR SHEET 2 OF 11 APPROVED TITLE SCALE 350 SKIDTUBE ASSEMBLY

COPYRIGHT © 1998 BY DART ARROSPACE USA, INC.
has socially a remark and confedential and a surfact on the surrests confedential than a remark and confedential and a surfact on the surrests confedential than a remark and the surface of the DE APPR. NTS DATE 08.07.16

8

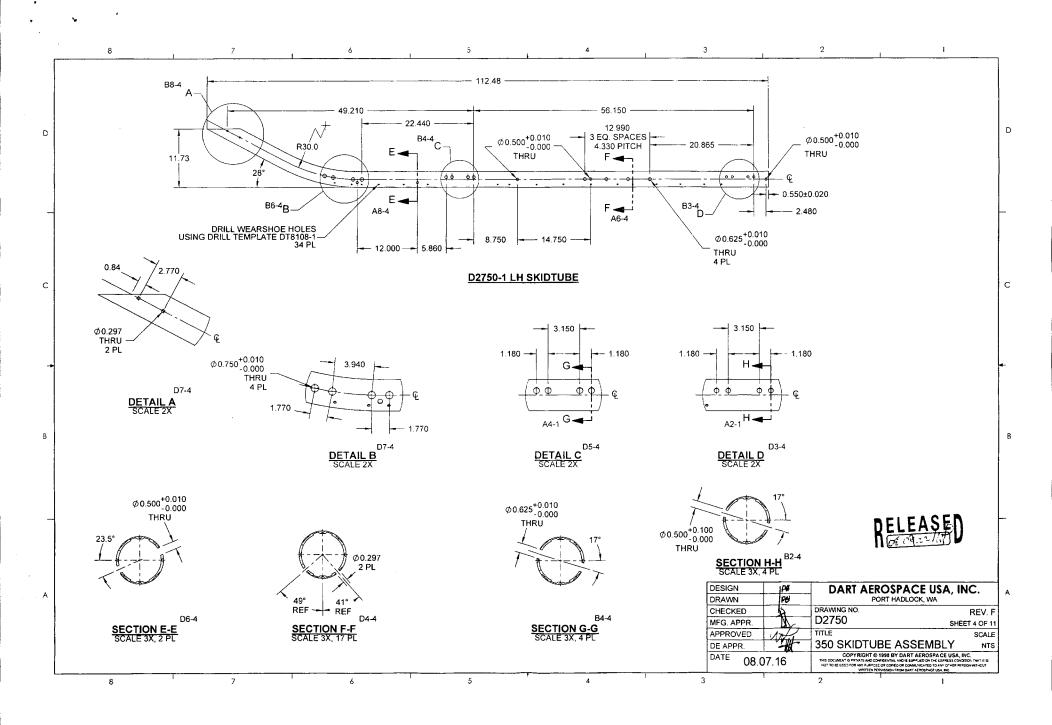
Part No: PAR #:	WO	RK ORDER CHANG	ES			4			
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvai QC Inspector
								•	
Part No	•	PAR #:	Fault Categ	ory:	_ NCR: Yes	No DQ	A:	_ Date: _	
	Res	solution:	Disposition	: `	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NCF	R)			
DATE	STED	Description of NC			ion B	Verifi	cation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		ion C	Chief Eng	QC Inspector
	1								
									·

D2750-043 350 SKIDTUBE ASSEMBLY, LH D2750-044 350 SKIDTUBE ASSEMBLY, RH DART AEROSPACE USA, INC. DESIGN DRAWN DRAWING NO. D2750 CHECKED REV. F MFG. APPR. SHEET 3 OF 11 APPROVED TITLE SCALE 350 SKIDTUBE ASSEMBLY NT.

COPYRIGHT 0:88 BY DART AEROSPACE US., HIC.

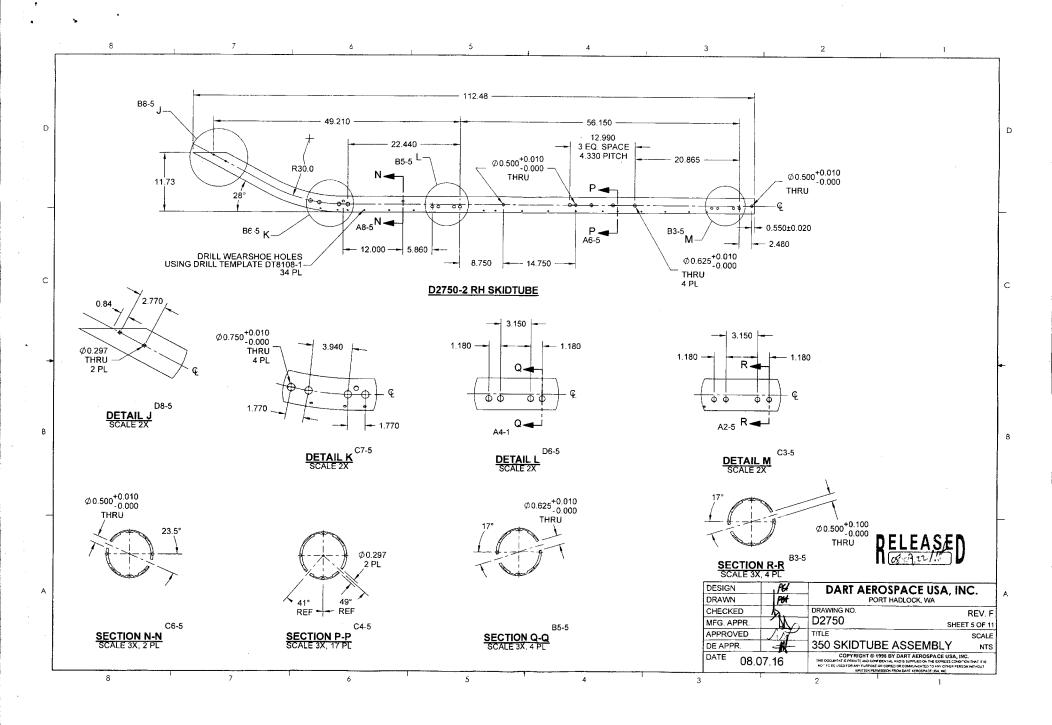
178 300.0641 9 meric and conference and an entire for meric and one of the conference and an entire for the conference and an entire for an e DE APPR. NTS DATE 08.07.16

W/O:	PATE STEP P art No:PAR #:	WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHA	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
	(
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A:	Date: _			
	R	esolution:	Disposition	on: `	_ QA: N/C CI	osed:		Date: _	 		
NCR:			WORK ORE	ER NON-CONFORMA	NCE (NCF	R)					
DATE	STED	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval		
DAIL	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion C	Chief Eng	QC inspector		
	i										
								:			
									;		
1		1	1 1		- 1	1		5			

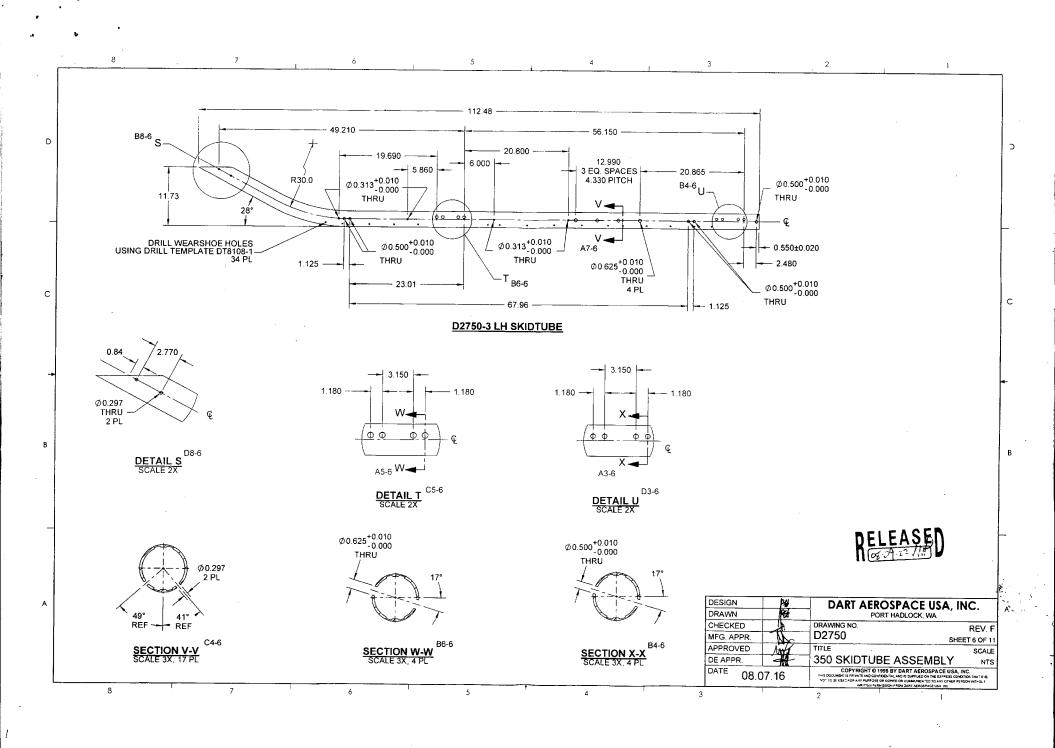


	_		
Mart.	AAPA	space	1 +~
vail	ACIUS	suace	LIU

	oopayo .										
W/O:			WO	RK ORDER CHANG	GES					٠,	
DATE	STEP	PRO	OCEDURE CHAN	IGE	· B	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
					,						
						•				•	
Part No	:	PAR #:	Fault Categ	jory:	NCR:	Yes N	o DQ /	A:	_ Date: _		
	Re	solution:	Disposition	ı: <u>`</u>	QA: N	/C Clos	sed:	· · · · · · · · · · · · · · · · · · ·	Date:		
NCR:			WORK ORDE	R NON-CONFORM	IANCE (I	VCR)					
DATE	STEP	Description of NC			ction B		Verific	ation	Approval	Approval	
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section C		Section C	Chief Eng	QC Inspector
	-										
in		· · · · · · · · · · · · · · · · · · ·									
										· ·	
ı			3 1		I		1		1	i	

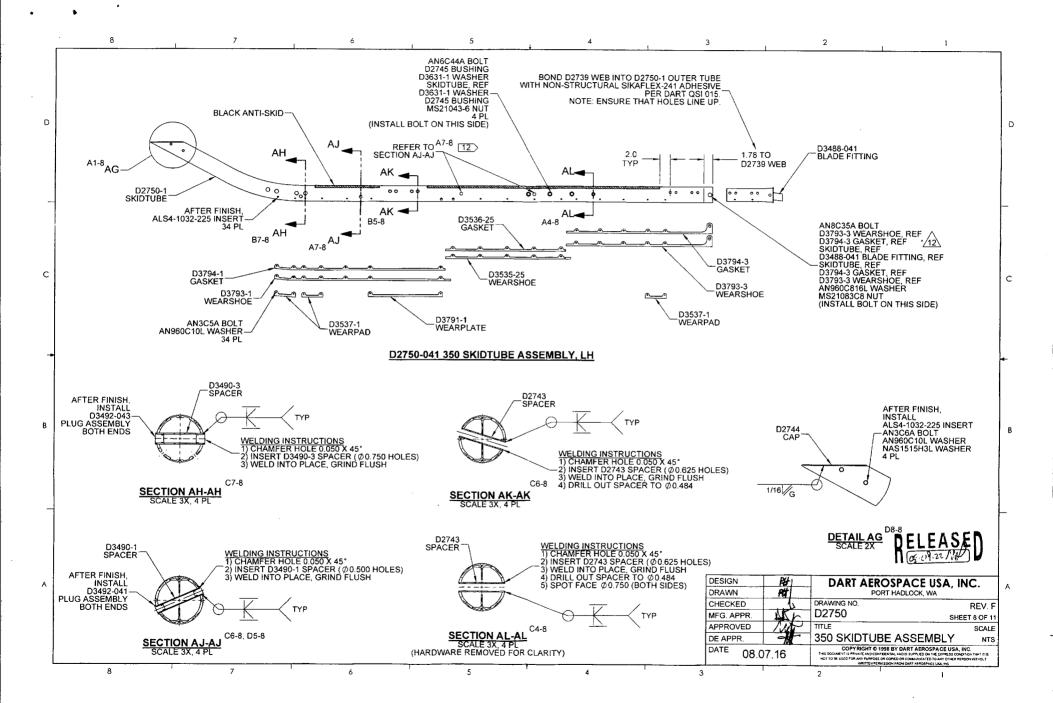


	•							
W/O:			W	ORK ORDER CHANG	ES		€.	,
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date (Approval Chief Eng / Prod Mgr	Approval QC Inspector
•								
i.								
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
	Re	solution:	Dispositio	n: <u>`</u>	_ QA: N/C Clo	sed:	Date: _	·
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC	1-14:-1	Corrective Action Section		Verificat		Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	C Chief Eng	QC Inspector
	.							
-								
	:							
		,						;



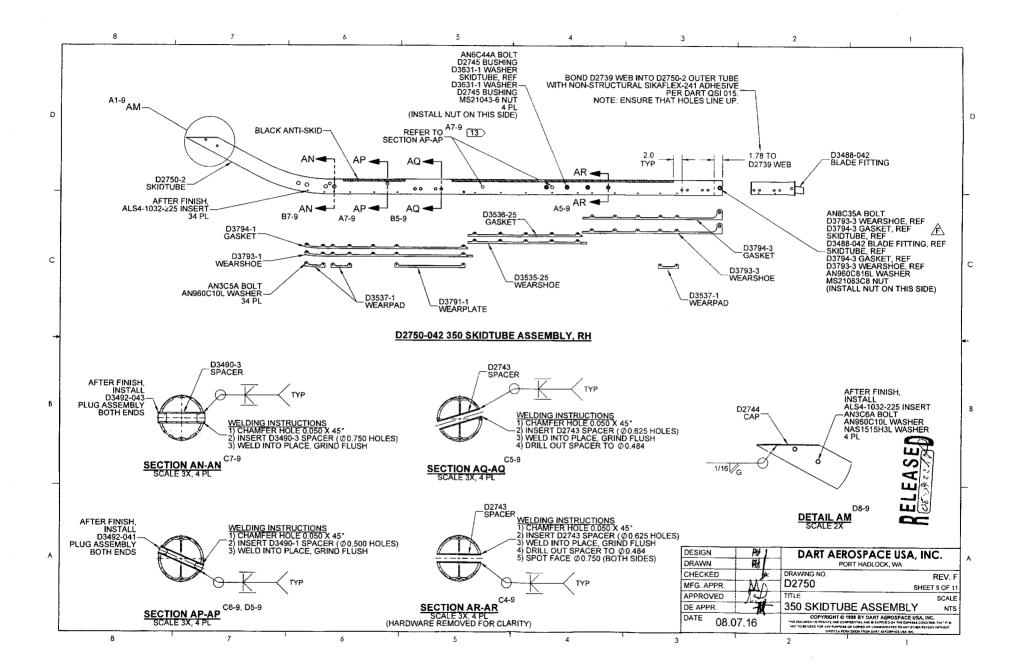
Dart	Aer	ospa	се	Ltd
-------------	-----	------	----	-----

	• •							•
W/O:			W	ORK ORDER CHANG	ES			٠ ,
DATE	STEP	PF	ROCEDURE CHA	ANGE	Ву	Date Q	ty Approval Chief Eng / Prod Mgr	Approval QC Inspector
			· · · · · · · · · · · · · · · · · · ·					
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQA: _	Date: _	
		Resolution:	Disposition	on: <u>'</u>	_ QA: N/C Clo	sed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)			
DATE	STEF	Description of NC	B 242 - 1	Corrective Action Section		Verification	n Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
					,			
								1
	1	1	1		İ	1	ĺ	1

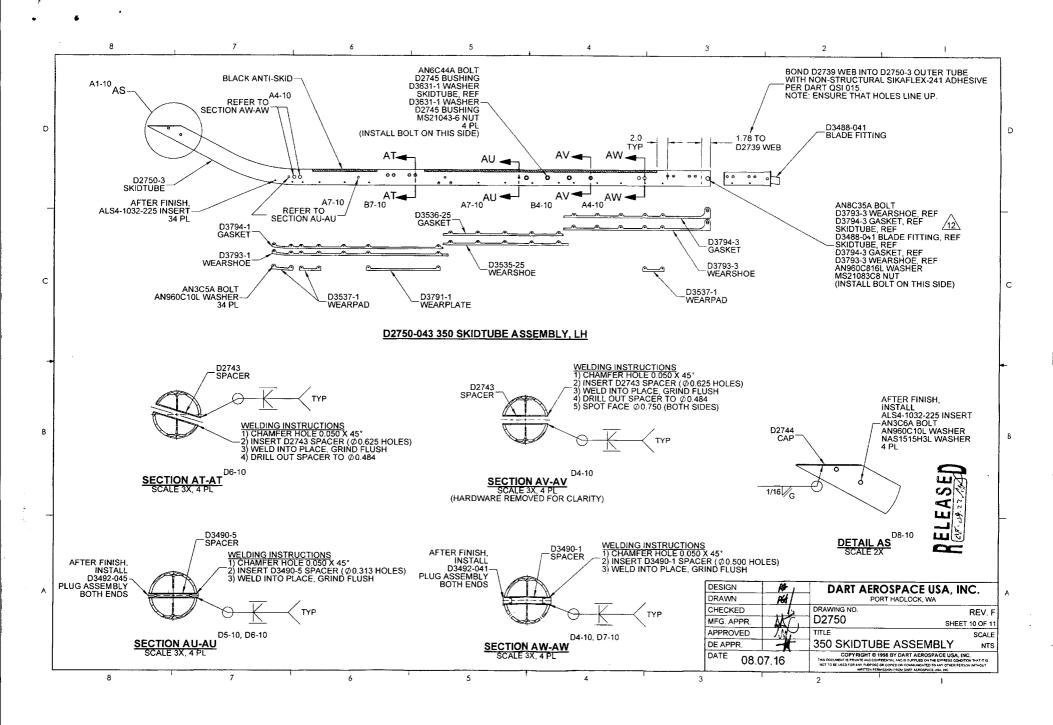


Dart	Aeros	pace	Ltd
------	--------------	------	-----

W/O:			V	ORK ORDER CHANG	ES			• ,				
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date Qt	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No	•	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQA: _	Date: _					
	ļ	Resolution:	Disposit	ion: ¹	_ QA: N/C CI	osed:	Date: _					
NCR:			WORK ORDER NON-CONFORMANCE (NCR)									
DATE	STEP	Description of NC Section A	Initial	Action Description	ion B	Verification Section C		Approval QC Inspector				
, <u></u>			Chief Eng	Chief Eng	Date							
w			1									
		·										
								,				
		[]										

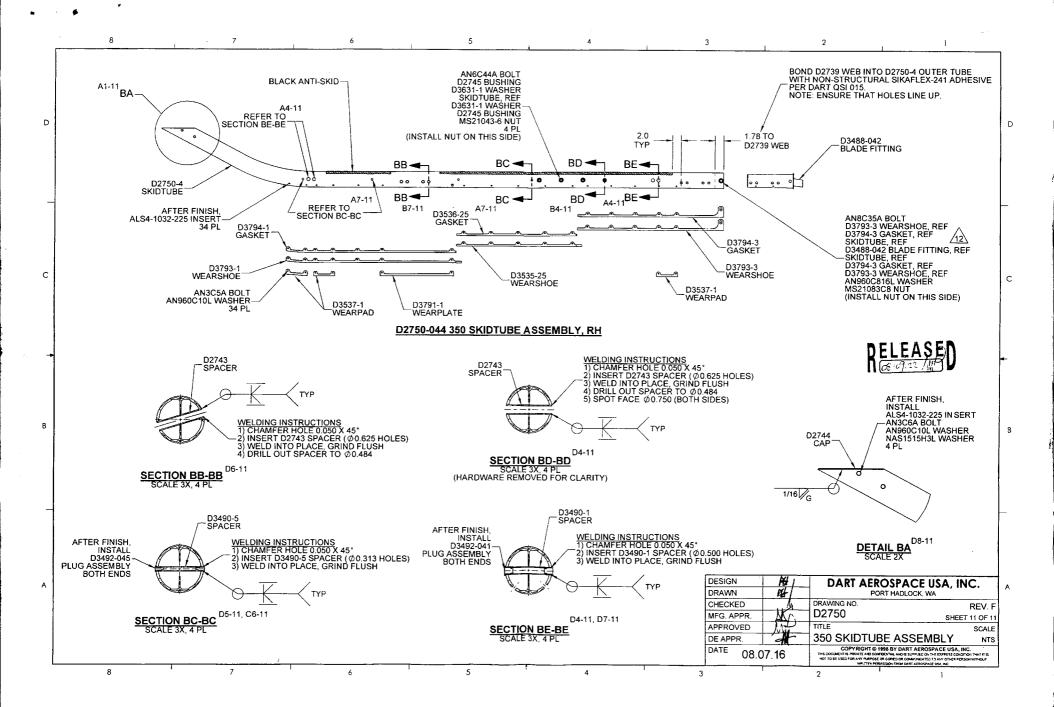


	- 1									
W/O:			WO	RK ORDER CHANG	ES	···		•	• •	
DATE	STEP	PR	OCEDURE CHAN	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
	,									
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date:		
	: 	Resolution:	Disposition	ı: <u>`</u>	_ QA: N/C Cld	sed:		Date: _		
NCR:		WORK ORDE	R NON-CONFORMA	NCE (NCR)					
DATE	STEP	Description of NC	ļ	Corrective Action Section		Verific	ation	Approval	Approval	
	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Date	n& Section C		Sign & Section C	Chief Eng	QC Inspector
									:	



Dail Acidsbace Lik	Dart Aerospace Lt	d
--------------------	-------------------	---

W/O:	<u> </u>		W	ORK ORDER CHANG	ES			*	• •	
DATE	STEP	PR	OCEDURE CH				Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector	
						<u>-</u>				
							;			
!		PAR #:	PAR #: Fault Category: Number of the property			NCR: Yes No DQA: Date:				
		Resolution:							Date:	
NCR:			WORK ORE	DER NON-CONFORM	ANCE (NCR)				
DATE	STEI	Description of NC		Corrective Action Section B		Verification		Approval	Approval	
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sect	Section C	Chief Eng	QC Inspector	
									t	
		{								



								त्रा तक्का राज्या । विश्व विश्व करणकरहें क्रिकेट विश्व करणकरहें क्रिकेट विश्व करणकरहें क्रिकेट विश्व करणकरहें स्थान
Dart Ae	rospac	e Ltd						
W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE	CHANGE		Ву	Date Qty Chief	Approval Approval QC Inspector
								in the second se
Part No:		PA	R #: Fault	Category:	NCI	R: Yes N	o poa	ate:
		Resolution:	Dispe	osition:	QA:	N/C Clos	sed: Da	ate:
NCR:				ORDER NON-CON				
		Description of	of NC	Corrective Action Section B			Verification (App.	roval Approval
DATE	STEF	Section A	Initia Chief E			Sign & [™] Date	Verification Approximately Section C.	f Eng QC Inspector
,					,			

NO. 298

AWS D17.1.2001 QUALIFICATION TEST RECORD

Name: Barcley Elliott	
Job #: 87012	
Part #: <u>\\350-636-014</u>	
Description: Skid tula	
Welding Process: Tig[-] Mig[]	•
Base materiel: Alum hum	
Current: AC[\rightarrow DC[]	•

TEST REQUIREMENTS AND RESULTS

Visual:	pass[-	fail[]
Incomplete Penetration:	pass[]	fail[]
Incomplete Fusion:	pass[/	fail[]
Cracks:	pass[]	fail[]
Overlap (cold lap)	pass[-}-	fail[]
Undercut:	pass[-]	fail[]
Pin holes:	pass[]	fail[]
Porosity (surface):	pass[]	fail[]
Coloration:	pass[]	fail[]
Burn through:	pass[-]	fail[]

Qualifier Date of Test Coupon (2.07.13)

Welder Dorclay Short Date of Test Coupon 12-07-23

The above named individual is qualified in accordance with AWS D17.1.2001 to weld